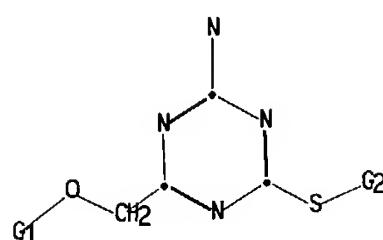
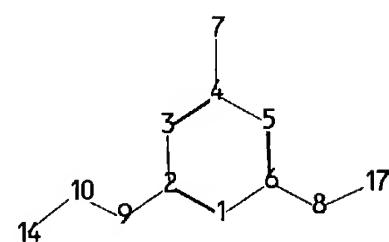


L Number	Hits	Search Text	DB	Time stamp
1	566	((544/213) or (514/245)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 13:08
2	787920	2004.py.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 13:08
3	16	((544/213) or (514/245)).CCLS.) and 2004.py.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 13:08

Ak<sup>a</sup>1

11@1



```

ain nodes :
 8 9 10 11 14 17
ng nodes :
 1 2 3 4 5 6
ng/chain nodes :
 7
ain bonds :
 2-9 4-7 6-8 8-17 9-10 10-14
ng bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
act/norm bonds :
 4-7 6-8 8-17 10-14
act bonds :
 2-9 9-10
rmalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
olated ring systems :
 containing 1 :

:Cy, [*1]

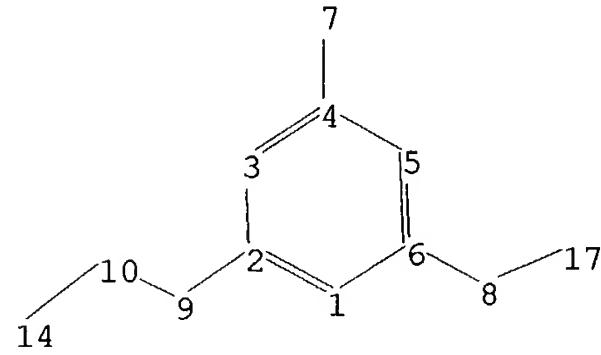
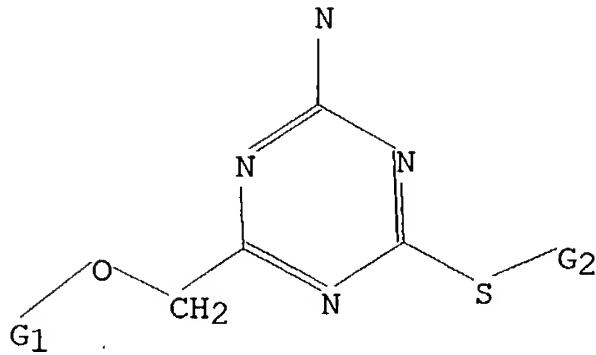
:H,Cy, [*1]

tch level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
 11:CLASS 14:CLASS 17:CLASS
neric attributes :
 11:
Saturation : Saturated

```

=&gt;

Uploading C:\Program Files\Common Files\System\MapI\1033\NT\10005064 (amended).str  
 Ak<sup>\*1</sup> 11<sup>\*1</sup>



chain nodes :

8 9 10 11 14 17

ring nodes :

1 2 3 4 5 6

ring/chain nodes :

7

chain bonds :

2-9 4-7 6-8 8-17 9-10 10-14

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

4-7 6-8 8-17 10-14

exact bonds :

2-9 9-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G1:Cy, [\*1]

G2:H,Cy, [\*1]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
 11:CLASS 14:CLASS 17:CLASS

Generic attributes :

11:

Saturation : Saturated

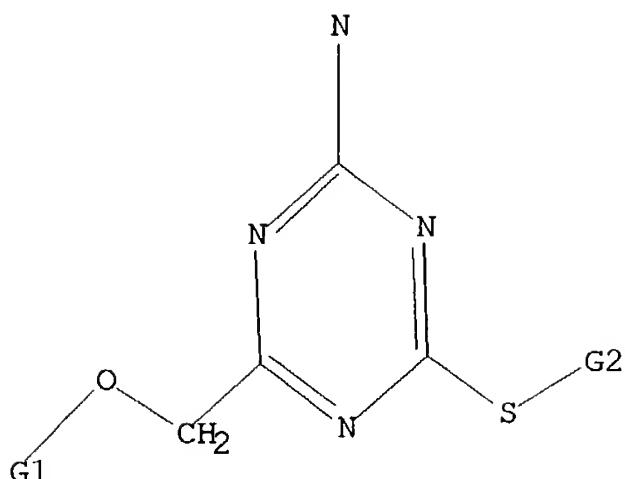
L1 STRUCTURE UPLOADED

=&gt; d 11

L1 HAS NO ANSWERS

L1 STR

Ak 1



G1 Cy,[@1]

G2 H,Cy,[@1]

Structure attributes must be viewed using STN Express query preparation.

=&gt; s 11 sss sam

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SAMPLE SCREEN SEARCH COMPLETED - 13 TO ITERATE100.0% PROCESSED 13 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 44 TO 476  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 sss ful  
FULL SEARCH INITIATED 08:02:03 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 188 TO ITERATE100.0% PROCESSED 188 ITERATIONS 12 ANSWERS  
SEARCH TIME: 00.00.01

L3 12 SEA SSS FUL L1

=> => s 13  
L4 3 L3

=&gt; d 14 1-3 bib,ab,hitstr

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:449663 CAPLUS  
 DN 137:20391  
 TI Preparation of as substituted 1,3,5-triazine derivatives as ABCA-1 elevating compounds  
 IN Campbell, Michael; Zablocki, Jeff A.; Ibrahim, Prabha N.  
 PA CV Therapeutics, Inc., USA  
 SO PCT Int. Appl., 65 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002046172	A2	20020613	WO 2001-US46387	20011203
	WO 2002046172	A3	20030206		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2002039508	A5	20020618	AU 2002-39508	20011203
	EP 1341773	A2	20030910	EP 2001-987273	20011203
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	US 2002128266	A1	20020912	US 2001-5064	20011204
	US 2002082257	A1	20020627	US 2001-11016	20011205
	US 6713650	B2	20040330		
	US 2002111364	A1	20020815	US 2001-10602	20011206
	US 6548548	B2	20030415		
	NO 2003002587	A	20030731	NO 2003-2587	20030606
PRAI	US 2000-251916P	P	20001207		
	US 2001-313274P	P	20010817		
	WO 2001-US46387	W	20011203		
OS	MARPAT	137:20391			
AB	Title compds. I [m, n, p = 0-1; A = CZ1, CZ1NH, SO2, covalent bond; Z1= O, S; R1 = H, alk(en/yn)yl, cycloalkyl, heterocyclyl, aryl, heteroaryl; R2 = H, alkyl, cycloalkyl or R1-2 and A when taken together with the nitrogen atom to which they are attached form a nitrogen bearing heterocycle; R3 = alkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl; R4 = H, alkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl; T = O, SOO-2, NR5; R5 = H, alkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl; X1-3 = CR6 , N; R6 = H, alkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl; with the proviso that at least one of X1-3 = N; Y1 = alkylene, carbonyl; Y2 = alkylene, O; Z = S, O, NR5] were prepared Examples include several synthetic compds., assays for the effect of I on cellular ABCA-1 gene expression using the pGL3 luciferase reporter vector system, a lipid efflux assay, ability of I to stimulate cholesterol efflux from cells and determination of ABCA-1 expression and HDL levels. For instance, the acid chloride of 4-tert-butylphenoxyacetic acid was reacted with an appropriately substituted carboxamidine (preparation given) to afford II. I elevate cellular expression of the ABCA-1 gene, promoting cholesterol efflux from cells and increasing HDL levels in the plasma. I are useful for treating coronary artery disease.				

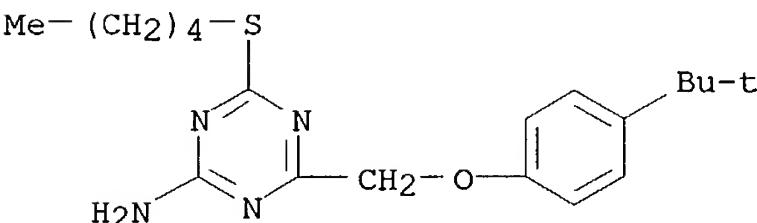
IT **435338-29-7P**, N-[6-[(4-(tert-Butyl)phenoxy)methyl]-4-pentylthio-1,3,5-triazine-2-yl]amine **435338-38-8P** **435338-50-4P**  
**435338-53-7P** **435338-56-0P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug; 1,3,5-triazine derivs that elevate cellular ABCA-1 levels promoting cholesterol efflux)

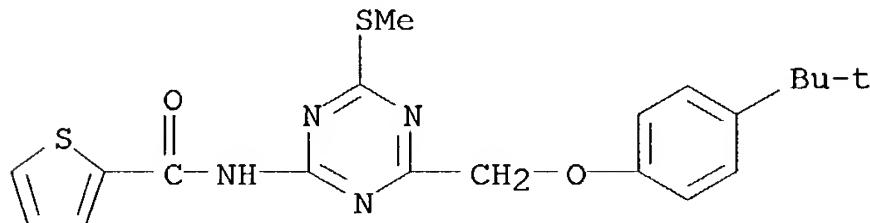
RN 435338-29-7 CAPLUS

CN 1,3,5-Triazin-2-amine, 4-[[4-(1,1-dimethylethyl)phenoxy)methyl]-6-(pentylthio)- (9CI) (CA INDEX NAME)



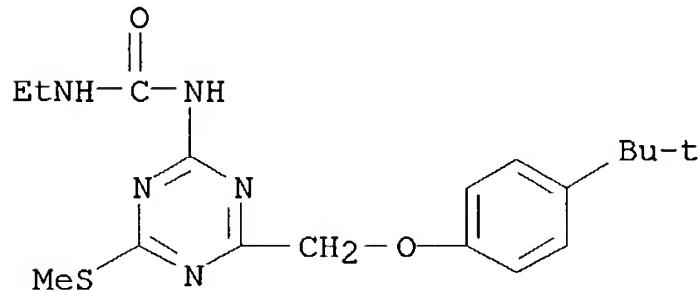
RN 435338-38-8 CAPLUS

CN 2-Thiophenecarboxamide, N-[4-[(4-(1,1-dimethylethyl)phenoxy)methyl]-6-(methylthio)-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



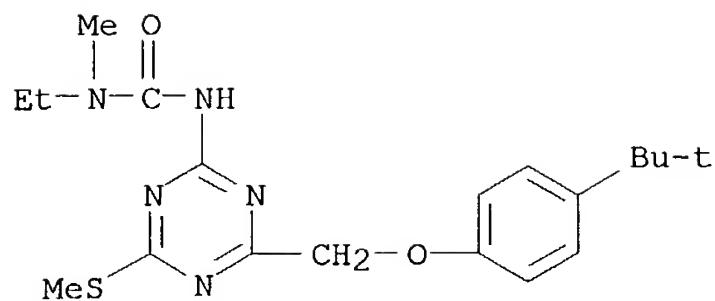
RN 435338-50-4 CAPLUS

CN Urea, N-[4-[(4-(1,1-dimethylethyl)phenoxy)methyl]-6-(methylthio)-1,3,5-triazin-2-yl]-N'-ethyl- (9CI) (CA INDEX NAME)



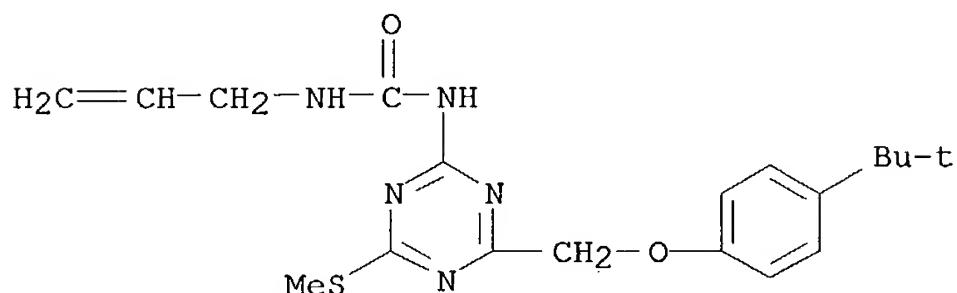
RN 435338-53-7 CAPLUS

CN Urea, N'-[4-[(4-(1,1-dimethylethyl)phenoxy)methyl]-6-(methylthio)-1,3,5-triazin-2-yl]-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)



RN 435338-56-0 CAPLUS

CN Urea, N-[4-[[4-(1,1-dimethylethyl)phenoxy]methyl]-6-(methylthio)-1,3,5-triazin-2-yl]-N'-2-propenyl- (9CI) (CA INDEX NAME)

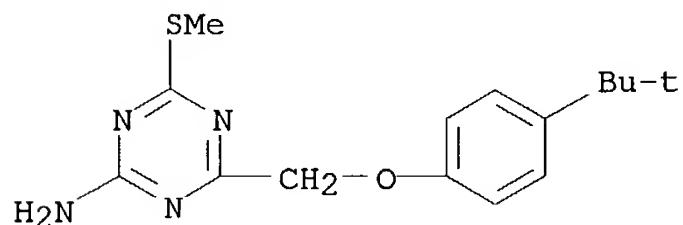


IT 435338-35-5

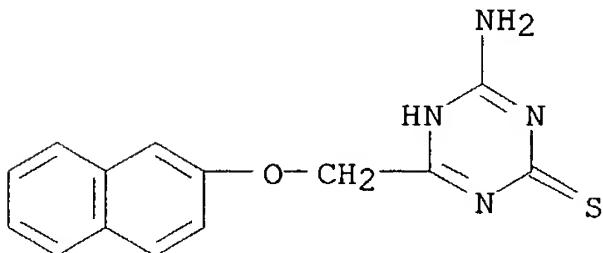
RL: RCT (Reactant); RACT (Reactant or reagent)  
 (reactant; 1,3,5-triazine derivs that elevate cellular ABCA-1 levels  
 promoting cholesterol efflux)

RN 435338-35-5 CAPLUS

CN 1,3,5-Triazin-2-amine, 4-[[4-(1,1-dimethylethyl)phenoxy]methyl]-6-(methylthio)- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1997:714009 CAPLUS  
 DN 128:3618  
 TI Reactions of  $\beta$ -naphthoxyacetyl thiocyanate leading to heterocycles  
 AU Hataba, A. A.  
 CS Chemistry Department, Faculty of Science, Zagazig University, Zagazig, Egypt  
 SO Indian Journal of Heterocyclic Chemistry (1997), 7(1), 43-46  
 CODEN: IJCHEI; ISSN: 0971-1627  
 PB Lucknow University, Dep. of Chemistry  
 DT Journal  
 LA English  
 AB  $\beta$ -Naphthoxyacetyl isothiocyanate (1) was treated with aniline, anthranilic acid, guanidinium carbonate, o-phenylenediamine and/or glycine to give the thiourea, quinazoline, triazine, benzimidazole and thiohydantoin, resp. Also reactions of 1 with Ph isocyanate, acetylacetone and Et acetoacetate were described. The heterocycles were effective bactericides and fungicides.  
 IT **198837-20-6P**  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (preparation and antimicrobial activity of)  
 RN 198837-20-6 CAPLUS  
 CN 1,3,5-Triazine-2(1H)-thione, 4-amino-6-[ (2-naphthalenylloxy)methyl]- (9CI)  
 (CA INDEX NAME)



RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1990:532221 CAPLUS  
 DN 113:132221  
 TI Preparation of N-arylsulfonyl-N'-triazinylurea derivatives as herbicides  
 IN Levitt, George  
 PA du Pont de Nemours, E. I., and Co., USA  
 SO U.S., 74 pp. Cont.-in-part of U.S. 4,305,884.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4892946	A	19900109	US 1980-209307	19801124
	US 4394506	A	19830719	US 1979-98781	19791130
	US 4305884	A	19811215	US 1980-171355	19800723
	AU 547325	B2	19851017	AU 1983-13286	19830408
	AU 8313286	A1	19830804		
PRAI	US 1979-98781		19791130		
	US 1980-171355		19800723		
	US 1978-910965		19780530		
	US 1978-965070		19781130		
	US 1979-15341		19790301		
	US 1979-29281		19790413		
	AU 1979-47545		19790529		
	US 1979-49149		19790618		
	US 1980-119165		19800206		
OS	MARPAT 113:132221				

AB The title urea derivs. [I; R = C1-12 alkoxy, C3-10 alkenyloxy, alkynyoxy, 1-indolinyl, etc.; R2 = NCO, CF<sub>3</sub>SO<sub>2</sub>NH, etc.; R3 = H, Me, Cl, Br, F; W = O, S; X = H, Cl, Me, alkoxy, etc.; Y = H, F, Cl, Br, C1-4 alkyl, etc.; Z = N, CH] are prepared and are useful as herbicides. To a solution of isocyanate derivative II in MeCN was added in small portions at room temperature triazine derivative III to give the urea derivative I (R = X = MeO, R2 = 5-NCO, R3 = H,

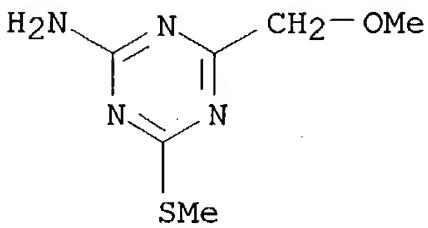
W = O, Y = Me, Z = N). Among approx. 50 I prepared 20 were tested to show pre- and post-emergent herbicidal activity at 0.05 g/ha against a wide variety of weeds.

IT 129346-28-7

RL: PROC (Process)  
 (addition of, with benzenesulfonyl isocyanate derivative)

RN 129346-28-7 CAPLUS

CN 1,3,5-Triazin-2-amine, 4-(methoxymethyl)-6-(methylthio)- (9CI) (CA INDEX NAME)



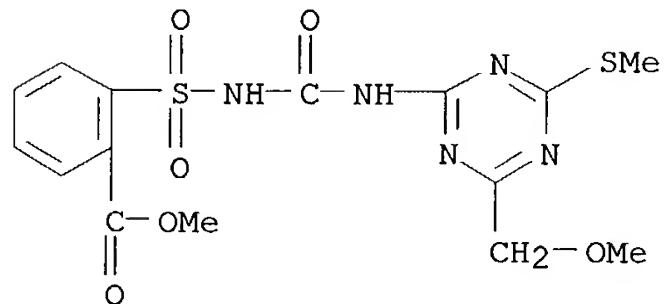
IT 129346-34-5P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of, as herbicide)

RN 129346-34-5 CAPLUS

CN Benzoic acid, 2-[[[[[4-(methoxymethyl)-6-(methylthio)-1,3,5-triazin-2-yl]amino]carbonyl]amino]sulfonyl]-, methyl ester (9CI) (CA INDEX NAME)



=> => d his

(FILE 'HOME' ENTERED AT 08:01:18 ON 16 JUN 2004)

FILE 'REGISTRY' ENTERED AT 08:01:29 ON 16 JUN 2004

L1                   STRUCTURE UPLOADED  
L2                   0 S L1 SSS SAM  
L3                   12 S L1 SSS FUL

FILE 'CAPLUS' ENTERED AT 08:02:11 ON 16 JUN 2004

L4                   3 S L3

FILE 'CAOLD' ENTERED AT 08:02:40 ON 16 JUN 2004

=> s 13

L5                   0 L3

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	170.76

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.08

STN INTERNATIONAL LOGOFF AT 08:02:51 ON 16 JUN 2004